

## Portrait—

### Dial Of Union Carbide And Carbon Corporation

The Anonymous Pursuit Of An Advancing Frontier

This article is reprinted with permission in its entirety as it appeared in the November, 1952, issue of FORTUNE magazine. Copyright 1952 by Time, Inc., Time and Life Bldg., 9 Rockefeller Plaza, New York, 20, N. Y.

As president of a chemical company whose sales may break a billion this year, Morse Grant Dial confronts the furthest frontier of United States social development. Union Carbide and Carbon, the No. 2 company in the premier United States industry, is one of the most highly developed of the modern giant corporations, and—since it sells mostly to other producers—one of the least known. Its growth is maintained by research that embraces, according to the annual report, "practically all known sciences."

#### Teamwork Is Objective

The men who pace the 230 manufacturing operations and the 18 subdivisions of its five-part structure are widely autonomous. But the man responsible for activating the brain of this organism is so mixed up in group cogitation of what will happen in the future that it is difficult to define exactly what he is doing today. His job is not to innovate but to mesh group effort.

At Union Carbide group effort has been successful for years. The Corporation was founded in 1917 out of four companies whose processes were so interdependent that a production lag in one of them would have upset sales in all. It has always depended on its growing experience of the interlinking processes of chemistry, physics and metallurgy, and to ensure this experience it depends on research that currently costs about \$28,000,000 a year, excluding product-testing and trouble-shooting costs.

#### Basic Names for Divisions

The major product divisions are designated by basic scientific names: Alloys and Metals, Electrodes, Carbons and Batteries; Industrial Gases and Carbide; Chemicals; Plastics. Union Carbide has cultivated those areas so well that profits on products created during the past decade now account for one third of earnings, which amounted last year to \$268,000,000 before taxes, and \$104,000,000 after.



Morse G. Dial

Union Carbide early understood the economics of a high-technology corporation. The chemists' rule of thumb for simple projects is 10 years between test tube and tank car. It took Vinylite 12 years to hit a market; after 17 years development coal hydrogenation is now yielding chemicals whose markets have literally to be created. During the past five years the number of plants has been doubled; the current expansion rate is in excess of \$100,000,000.

#### Reinvestments Are Heavy

The separation of money-spending from money-getting has meant large reinvestments of earnings; and now, when taxes make borrowing attractive, it means a ready-to-tap \$300,000,000 life insurance loan that has no provision for a sinking fund and can be paid off quickly, slowly, or in the year 2051.

The trick is to put money now into what will pay off in the next generation of executives. To this end Union Carbide has long been running a rolling, flexible five-year plan. But such projections, obviously, can be no better than the judgement that goes into the commitments of money. The device by which the Corporation elicits good judgement is simply the committee system. The president presides, but decisions are always unanimous.

#### Reasons Must Be Overpowering

"When you have more new things than you have money," Mr. Dial points out, "you don't do any-

Continued on Page 2

### Safety On Water Urged Of Y-12ers To Avoid Mishaps

Fishermen, Swimmers  
And Boaters Are Asked  
To Use Precautions

With the coming of the spring and summer fishing, swimming, boating and outdoor recreational season, in which throngs of Y-12ers are expected to participate, the need of stressing water safety measures becomes more and more apparent. The accidental drownings reported each year involve circumstances that, for the most part, can be avoided through observance of common sense rules and conduct.

#### One Y-12er Among Victims

In Tennessee Valley Authority lakes alone last year 55 persons (including one Y-12 employee) lost their lives through accidental drownings. This was an increase of five over the previous year and the 55 deaths is the average for the past five years in the TVA controlled waters. The report covers accidental recreational drownings alone and do not include drownings from suicides, traffic accidents or other causes.

In addition to the 55 drowned, 52 other persons who were involved in water accidents were rescued by others. Some others were able to save their own lives.

#### 30 Drown In Boat Mishaps

More than half, or 30, of the 55 persons drowned in the TVA waters were boating or fishing from boats at the time of their mishaps. Another 16 were swimming or diving at the time of the fatal accidents, no boats being involved.

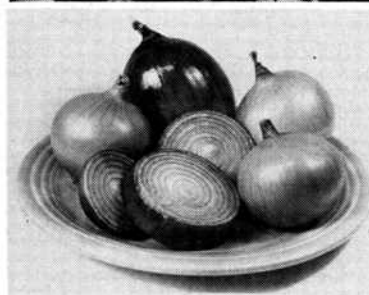
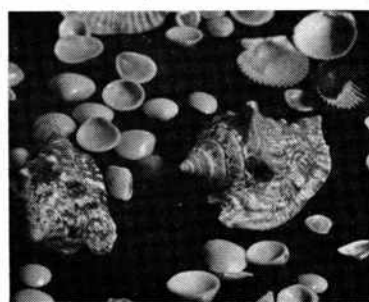
Although only two of the 1952 drownings were caused by fishermen's boats entering turbulent waters below dams, at least 25 persons nearly lost their lives because they were in dangerous waters below powerhouses.

#### Life Preserver Lacks Fatal

Breaking down conditions that were causes or factors of the 1952 accidental drownings TVA lists lack of life preservers in 31 of the incidents. Venturing into rough water caused by storms was responsible for 14 more of the boating fatalities. Overloading boats, using too small a craft or overpowered boats were held responsible for nine of the fatal accidents and drinking or other unsafe conduct was blamed in eight. Inability to swim and stepping into holes each caused 11 deaths for swimmers.

The contributory factors indicate hazards that can be avoided to save lives. The simple precautions...

Continued on Page 4



AL PALKO, OF THE Materials Chemistry Division of ORNL in the Y-12 Plant Area, won first prize in the Carbide Camera Club print contest last week with his table top photographs of seashells, shown at top. Just below is the second place entry, by S. A. Hluchan, of the ANP Division of ORNL in the Y-12 area, showing onion rings.

### Y-12er's First Entry Wins Picture Contest

His first entry of a picture in a Carbide Camera Club photographic print contest paid handsome dividends to A. A. Palko, of the Materials Chemistry Division of Oak Ridge National Laboratory in the Y-12 Plant Area—the picture taking first honors in the March contest held last week. Second prize went to S. A. Hluchan, former president of the Carbide Camera Club and with the ANP Division of ORNL in Y-12.

Palko's entry showed a group of seashells with two big conch shells as the principal figures. Hluchan's picture was of sliced onions, a prosaic subject that was well presented photographically.

The Carbide Camera Club held its meeting last week jointly with the Oak Ridge Camera Club at Ridge Hall. Paul Ebert, director of the Oak Ridge Community Playhouse, was the principal speaker. The pictures were judged by George M. Wilson, art teacher in Oak Ridge schools.

### Physics Seminar Cancelled; Y-12ers Attending APS Meet

The weekly meeting of the Oak Ridge Physics Seminar scheduled for Friday, March 27, has been cancelled for the week because of the meeting of the American Physical Society beginning today, Wednesday, March 24, at Duke University, Durham, N. C.

Several Y-12ers in the Electromagnetic Research and Isotope Research and Production Divisions of Oak Ridge National Laboratory in the Y-12 Plant Area are attending the APS session. They include Alfred L. Bock, C. V. Ketron, John R. Sites, Russell Baldock, Farno L. Green, John A. Martin, Royce J. Jones and B. L. Cohen.

### Students Of Y-12 Parents Expected In Science Fair

Local Event April 24  
May Send Winners  
To National May 7-9

Scientifically inclined students at the Oak Ridge High School will have an opportunity to pit their skill and ingenuity against high school pupils from throughout the nation in the National Science Fair to be held in the Atomic City May 7, 8 and 9. A local Science Fair will be held at the high school April 24 with winners going to the Southern Appalachian Science Fair in Knoxville May 2. Winners in the Knoxville event will compete in the national competition.

Participation in the local and regional fair at Knoxville, which will be held at the University of Tennessee, is limited to students in the last three years of high school education.

#### Y-12 Parents Support Urged

ORHS pupils with Y-12 parents are expected to be prominent in the local fair and the parents in the plant are urged to encourage them in every way possible. In addition to expressing their thoughts and originality in their exhibits the youngsters of Y-12ers also can be shooting for the more than \$1,000 in cash awards to winners in the National Science Fair.

The Oak Ridge Science Fair is being sponsored by the Oak Ridger with full cooperation of the local high school. O. M. Garrett, science teacher at the Oak Ridge School, is in charge of details of the local fair and pupils of Y-12ers who have not yet done so and who desire to enter an exhibit in the fair are urged to communicate with Garrett as soon as possible.

#### 25,000 Building Exhibits

More than 25,000 high school boys and girls in the nation are constructing exhibits with the

Continued on Page 4

### Y-12er In Charge Of Program For Industrial Safety Meet

Paul C. Ziemke, of the Y-12 Safety Department, is chairman of the steering or program committee for the third annual Industrial Safety Institute to be held April 2 and 3 at the University of Tennessee, Knoxville. Several other Y-12ers are planning to attend the institute, which is co-sponsored by the East Tennessee Chapter, American Society of Safety Engineers, and the Department of Industrial Engineering of the university, through the Division of University Extension.

### Lions Club Minstrel And Variety Show Will Have 15 Y-12 Performers In Cast

With 15 Carbide employees in the Y-12 Plant Area participating, the sixth annual minstrel and variety show to be staged by the Oak Ridge Lions Club is set for this week end. Performances will be given Wednesday, Thursday, Friday and Saturday in the auditorium of the Jefferson Junior High School.

The performance tonight will be in the nature of a dress rehearsal and given particularly for the children of the city. Admission will be 25 cents for children and \$1 for adults. Tickets for the other presentations will be \$1.25 per

person.

The first part of the show will be an old fashioned minstrel and variety offering with songs and dances. The second section is an olio called "Return of the Prophet—a Hysterical Pageant," showing 10 years of Oak Ridge progress.

The Y-12ers in the cast include James D. Bowers, Jr., Keith Brown, M. C. Bayes, W. G. Cobb, J. S. Culver, W. D. Harman, James D. Hayes, James E. Keeton, Dr. Chris P. Keim, W. B. McDonald, Elmer L. Olsen, Joe Presslar, H. W. Savage, M. R. Skidmore and W. C. Tunnell.

#### VEAL LOAF SUPREME TOPS LUNCHEON MENU

Veal Loaf Supreme with mushroom sauce is the mouth-watering entree on the special 50-cent lunch to be served tomorrow, Thursday, March 26, in the Y-12 cafeteria. Accompanying the entree will be one vegetable, choice of salad or dessert, rolls and butter. The 50-cent plate lunches are served every Thursday at the cafeteria.

#### SAFETY SCOREBOARD

Your Plant Has  
Operated  
21 Days

Without A Lost Time  
Accident

Through March 21



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
CARBIDE AND CARBON  
CHEMICALS COMPANY  
A Division Of  
Union Carbide And Carbon  
Corporation  
Post Office Box P  
Oak Ridge Tenn.  
GEORGE W. DOBBS . . . Editor

OFFICE  
North Portal Bldg. 9701-1  
Telephone 7753

## Morse Dial, President Of UCC, Story Subject

Continued from Page 1

thing unless the reasons are overpowering and you all agree."

It is good if the president has ideas of his own, but it is vital that he bring together the ideas of his fellow managers.

"It is very hard," says Mr. Dial, "to identify the accomplishments of this Corporation with any individual."

By tradition Union Carbide presidents are self-effacing. Group effort is so important that executives refer to the Company as "the community."

What is unusual about Mr. Dial is that he has lived 10 years of his business life outside this community, most of it with International Shoe, of which he became a branch sales manager. More unusual is a middle-western boyhood (he was born in 1895 in Chicago and brought up in Fargo, N. D.) and an engineering degree from Cornell.

After his shoe selling he became vice president of a paper business, which he shortly left to be a sales supervisor for Union Carbide. During the Thirties he managed the Pyrofax and Vinylite Divisions. He spent most of the Forties as assistant treasurer, taking part in changes that improved the accounting controls that link together the Company's numerous parts. In 1949 he became vice president, in 1951 executive vice president. Alert to the abilities of his fellow managers ("Good judgment comes down to confidence in men and what they can do.") Mr. Dial is soft-spoken, modest, easy and thoughtful to the degree that he seems almost impersonal. He is a man who engages in one of the most remarkable of economics—the creation of prices, products and markets for a relatively distant future.

His measured and laconic comment on his work for this vast and expanding Company,

"I have always liked my job."

## Rides Wanted, Offered

**Ride Wanted**—From 719 Derry St., Knoxville, to West Portal, straight day, starting March 30. Nora Hurst, plant telephone 7653.

**Ride Wanted**—From Clinton, 4 p.m. to 12:30 a.m. shift. J. W. Stair, plant telephone 7116, home telephone 807-W, Clinton.

**Two Riders Wanted**—From Route No. 1, Powell, straight day. W. H. Donahue, plant telephone 7411, home telephone 4-5641, Knoxville.

**Two Riders or Car Pool Participants Wanted**—From Elm Grove vicinity, Oak Ridge, to West Portal, straight day. Milton Dickens, plant telephone 7076, home telephone 5-8162, Oak Ridge.

**Riders Wanted**—From North Central Ave., Knoxville, via Solway Road, straight day. W. T. Bradshaw, plant telephone 7391, home telephone 5-4498, Knoxville.

**Ride Wanted**—From 3525 Feathers Ave., South Knoxville, straight day. E. E. Cook, plant telephone 7731, home telephone 4-1218, Knoxville.



If y'all don't believe they have the tourist information at the Recreation Office—just ask 'em, just ask 'em. They have literature on spots from rugged Vermont to Sunny California and points in between—and, believe it or not, even a brochure on "The One-Way Streets of Des Moines." That one you shouldn't miss, even if you ain't going to Des Moines.

Sue English, of Technical Information, accompanied her husband, Jim last week on a trip to Chicago, Ill., and visited her parents in Dayton, Ohio, on the return trip.

Helen Burkhalter's husband, Max, has been home on a two-week leave after which he reported to his Marine Corps transfer base in Oakland, Cal. . . . Bobbye Jean Jesse is on two weeks of vacation while her husband, Don, is home on leave from the Army—they plan to visit nearby relatives during this time. . . . Martha Parks and her parents visited relatives in Memphis and in Cleveland, Tenn., while vacationing last week. . . . The department welcomes Kathryn Ballentine back to work after a lengthy illness.

V. C. Beckner and James Gaddy, of Alloy, were on last week's vacation list.

J. K. Robinson, of Buildings and Grounds, is spending his two weeks of vacation at home in Oak Ridge—he is using some of the time to plant his garden. . . . H. C. Peters is spending his week of vacation fishing. . . . The department extends sympathy to C. L. and A. Johnson whose mother died last week in Harriman.

Folks in Engineering extend hearty congratulations to Jean Craig, one of their former co-workers, who is the proud mamma of a five and one-half pound girl—little Mary Genevieve was born on the first day of spring, March 21, at Saint Mary's Hospital in Knoxville.

Capt. P. C. Dabbs, of the Guard Department, and his wife spent the week end visiting their daughter, son-in-law and grandchildren in Raleigh, N. C. . . . Vacationers from the department last week were L. D. Lyles, J. T. Riddle and O. D. Cloyd. . . . Get-well wishes are extended to J. V. Overton, who is ill in St. Mary's Hospital in Knoxville. . . . Also get-well wishes are extended to the other folks on the sick list who are G. H. Harvey, J. Stapleton, L. E. Maxwell and J. A. Atchley. . . . A welcome back to work is extended to Lt. J. B. Atchley, who has returned after an illness.

Richard Humphrey, of Manufacturing Offices, is vacationing this week at home in Knoxville to be with his brother, Ralph Humphrey, who is home on a 30-day leave from the Army. . . . W. E. Gallaher is vacationing this week.

Folks in Electrical Maintenance extend hearty congratulations to D. L. Moore, who is the proud papa of a seven-pound four-ounce baby girl born March 14, in North Carolina. . . . Frank Darby attended the finals of the state high school basketball tournament in Johnson City. . . . H. W. Montgomery spent his week of vacation around home in Oak Ridge. . . . The department extends wishes for a speedy recovery to E. F. Poe, who is ill with the mumps. . . . A welcome goes to Don Troutman, who has returned to work after being off ill. . . . The department welcomes W. K. Fulbright to the roster—he hails from Bismark, Mo. . . . A welcome also goes to Ernestine Hudson and to R. E. Baker, who have been added to the roster.

A. J. Bingham, of Transportation, vacationed at home in Oak Ridge last week. . . . J. C. Howard spent his week of vacation at home in Harriman.

Planning and Estimating ex-

tends congratulations to Reva Dagley, a former co-worker, who is the proud mamma of a seven-pound eight-ounce baby girl born March 13, at the Oak Ridge Hospital.

J. H. Talley, of Receiving and Shipping, spent last week's vacation doing some farming at his home in Russellville. . . . Pauline Lovely is spending this week's vacation at home in Lake City. . . . Sue Little spent last week recuperating at home after a tonsilectomy in the Oak Ridge Hospital—her co-workers hope she will be able to return to work this week.

G. L. Stuckey, of Tools, is vacationing this week at home in Clinton.

Meta Butler, of Wage Standards, had her sister, Mrs. Lena O'Guinn, and her niece, Evelyn, from Camden, Tenn., as guests last week.

The Fire Department extends get-well wishes to Chief W. O. Elam, who is on the sick list.

Get-well wishes go to Nita Reed, of Badge and Pass, who was a very sick gal last week—she'll most likely be up and at 'em soon.

The Property Department extends get-well wishes to Clifford Anderson, who is among the ailing.

L. T. Sliger, of Field Maintenance, and his family are making a trip to Chicago and points in Indiana while vacationing next week.

Uranium Control and Computing welcomes Ruby O'Kain to the roster as a transfer. . . . Get-well wishes go to Flora Coefield, who is ill with the mumps.

Margaret Anderson, of Stores, attended an Eastern Star Convention in Nashville, while on a week of vacation. . . . John F. Henley vacationed last week at home in Harriman. . . . Spring fever has claimed E. D. Seagle—he took a week of vacation to plant a garden and some shrubs at his place over in Knoxville.

California gal with a touch of poetry in her soul had just given her boy friend the big gate. He moaned, "Why, oh why?" So she waxed forth in rhyme—more or less—

"If you want me to be specific  
Just go and jump in the Pacific."  
No—we didn't get this from the poet laureate of the Knoxville morning newspaper, one T. Anderson.

Three Y-12ers were basking in the reflected glory of the prowess of their wives at bridge tables during the last week's meeting of the Carbide Wives. Spouses of H. F. Akin, Engineering; W. C. Davis, Stores; and J. E. Barton, Uranium Processing; walked away with first honors at the bridge tables. . . . The gals all reported a swell time with decorations for the monthly get-together being carried out in an Easter motif.

Out in Las Vegas, Nev., the natives are becoming so used to atomic blasts that the St. Patrick's morning explosion evoked just such comments around a dice parlor when the "atomic device" went "boom" at 5:20 a. m. (what a time to get up):

"Sounds like Two - Shillelagh  
O'Doyle finally made four the hard way."



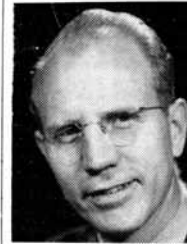
Congratulations to—Howard Horne, Planning and Estimating, who became father of a daughter born March 16 at the Oak Ridge Hospital.

G. E. Burns, Maintenance Shops, who became father of a boy born March 18 at the Oak Ridge Hospital.

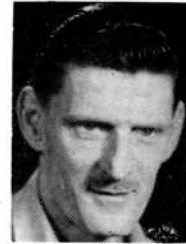
## Y-12ers In Four Groups Listed In Promotions

Y-12ers in four different departments and two divisions are cited this week as a result of promotions gained by them since July 1, 1951. This is the 24th series of sketches and pictures of such employees published in The Bulletin.

D. P. Anderson—Coming to work in Y-12 on November 16, 1944, Anderson earned his promotion from electrical dispatcher to process foreman in the Chemical Department of the Chemical Division on April 1, 1952. He was married in 1935 and he and his wife, Mrs. Pearl Anderson, have three children, Jerry, Bruce and Richard. They live at 171 Northwestern Ave., Oak Ridge.



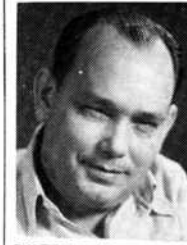
D. P. Anderson



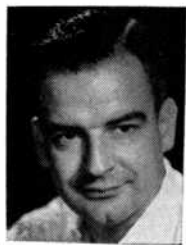
R. Martin

Robert Martin—Another old timer in Y-12 circles, Martin was employed in Y-12 on October 11, 1944. A carpenter in the Buildings and Grounds Department of the Maintenance Division, he was promoted to foreman on September 1, 1951. Martin and his wife, Mrs. Margaret Martin, to whom he was married on November 16, 1946, live at 237 Waddell Circle, Oak Ridge. They have three children, Charles Edward, Nita Elizabeth and Linda Faye.

W. H. Rodgers—A Y-12 employee since April 12, 1948, Rodgers received his promotion from experimental machinist to assistant foreman in the Maintenance Shops Department of the Maintenance Division on April 1, 1952. Married on February 4, 1928, he and his wife, Mrs. Laura Rodgers, live at 742 Decatur St., Athens, Tenn. They have four children, William Ross, Billie Gene, Carol Edwin and Rosalee.



W. H. Rodgers J. R. Barkman



J. R. Barkman—Employed as a Y-12er in February, 1951, Barkman gained promotion from chemical operator to assistant process foreman in the Product Processing Department of the Chemical Division on July 1, 1951. He and his wife, Mrs. Carolyn Barkman, to whom he was married in 1942, live at 102 South Walker Lane, Oak Ridge. They have three children, Billy, Becky Jo and Betty Jane.

## Musically Inclined Y-12ers May Sing In Brahms Concert

Musically inclined Y-12ers who would like to appear with the Oak Ridge Community Chorus in its presentation of Brahms' "Requiem" are urged to attend a rehearsal of the chorus at 7:30 o'clock next Monday night, March 30, at the Oak Ridge High School. Several Y-12ers already are members of the Community Chorus and point out that next Monday is the last night for accepting singers to practice for the Brahms concert, to be given some time in May.



The following Y-12 employees were patients at the Oak Ridge Hospital last week: Clyde H. Drummond and John T. McMichael, Maintenance Shops; Harry D. Goins, Buildings and Grounds; John D. McGuffin, Stores; Warren Beyer, Assay Laboratory; Sue L. Little, Receiving and Shipping; Kenneth S. Fugate, Chemical.

## Dr. Larson Cites Three Atomic Energy Fields

The chemical-manufacturing industry seems to have three possible courses open for participation in atomic energy, in the opinion of Dr. Clarence E. Larson, former Y-12 Plant Superintendent and now Director of Oak Ridge National Laboratory. Speaking before the Synthetic Organic Chemicals Manufacturers Association in New York City recently, Dr. Larson stated that these possible courses are manufacture or utilization of isotopes, exploitation of chemical processes and improvements developed in the atomic energy program, and most important, the utilization of the energy of the fissionable atoms for power.

Chemical Contributions Praised  
The contributions of the chemical industry in bringing the atomic energy business to its present high stage of improvement was outlined in introducing a broad discussion of the world's energy supply. Dr. Larson pointed out that uranium as a source of energy had a potential 20 times that of what might be available from our world reserves of energy from coal, oil and gas.

In discussing the potential uses of reactors by industry, he outlined the increasing number of developments that are being announced from atomic energy research centers such as Oak Ridge National Laboratory. Particular stress was laid on the performance of the homogeneous reactor experiment at ORNL, which recently produced 150 kilowatts of electricity through operation of a turbine generator during a trial run.

Military Needs Come First  
The improvements in utilization of nuclear fissionable materials are snowballing, and the interest of many manufacturers of chemicals and allied products is increasingly evident, Dr. Larson stated. The military motivations of the fissionable material manufactured are, of course, in the forefront of today's news, he said, and the outcome of the peacetime applications of both power and isotopes will probably have to wait for our military agreement that adequate stockpiles can be foreseen. While deploring the possibility of such a major catastrophe, Dr. Larson pointed out that, if all coal and oil were suddenly to disappear from the face of the earth, atomic energy could absorb a substantial part of the power demand very quickly—possibly within five years.

## Reactor Safeguards Topic Of Seminar Meet Thursday

Reactor Safeguards will be the topic for discussion at the weekly meeting of the Reactor Engineering Seminar at 3 o'clock tomorrow afternoon, March 26. The meeting will be held in the second floor conference room of Bldg. 9204-1 in the Y-12 Area. The discussion will be led by C. E. Winters, of the Research Directors Department, and Ed Bettis, of the ANP Division, both in Y-12.



# 10-TEAM PLANT SOFTBALL LEAGUE SEEN FOR YEAR

## 1952 Champs Repeat Wins

**Wolves, Roy Roberts Again Best Bowlers**

The Wolves team of the B League of plant keglers became the first team in plant history to win the annual Y-12 tournament two years hand running as their 2676 scratch score posted on the opening day of the event March 14 held up through the end of the competition last Sunday night. The Wolves won the event in 1952 with a 2673 scratch score.

### All Events Score Lower

Another repeater was Roy Roberts in the men's all events with a scratch score of 1716 against 1744 last year.

Most of the scores reported last week in the opening rounds of the tournament held up over the past week end. The Rebels romped into second place in team scratch scores with 2508 and Jack Spears also slipped into second in men's scratch singles with 589, just behind Arnold Tiller in first with 597.

George Schaefer pulled a story-book finish as he ousted Tiller from the top men's singles handicap bracket by posting a 705 against Tiller's previous 681. Schaefer was the last man to roll singles in the event.

The Controllers' 1980 held up for women's team honors and the Curvettes crowded into the trophy bracket with 2807 to replace the Strikettes in handicap scoring.

In men's all events, handicap, Tiller's 1888 held up but Schaefer had a 1874 handicap for second place, replacing Mattingly.

### Women's Events Are Completed

Women's doubles were completed Sunday with Dot Park and Joan Sharp leading with 866 scratch and Agnes Tiller and Lonnie Holtzknecht tops in handicap with 1114. In women's singles Mrs. Holtzknecht was tops with 489 and Dot Park had the best handicap score of 626.

The mixed doubles crown went to Mary Ballard and Joe Pryson with 1073 scratch. Betty Whitehorn and Paddy Peckman had 1040. Both scores were posted on the opening days of the tournament. Trophies for handicap mixed doubles went to Mr. and Mrs. E. B. Galloway with 1215 and Connie Roberts and Joan Sharp with 1185.

High single game and series scores and women's all events tallies had not been tabulated early Monday.

Complete scores and comparisons with 1952 will be published in The Bulletin next week.

## Rusty Five Reduces Margin In C League

The Rusty Five slightly closed the gap between them and the first place Angstroms last week in C League bowling as the second placers took three points from the Guards while the loop leaders were dropping the same number to the Hornets. The UCJVs beat the Moles and the Hooks hooked the Eutectics by the same margin.

Mitchel, Rusty Five, had the best game scores, 199 scratch and 250 with handicap. Peckman, also of the Rusty Five, had a 534 scratch series and Hopkins, UCJV, a 663 handicap series. The Rusty Five swept the boards in team scoring with 817, 1002, 2354 and 2909.

League standing follows:

Team	W	L
Angstroms	29	15
Rusty Five	27	17
UCJV	25	19
Hornets	25	19
Guards	21	23
Moles	19	25
Eutectics	17	27
Hooks	13	31

## Y-12 SPORTS



**R. F. ADAMS, MAINTENANCE Shops, has entered this fine largemouth bass in the Y-12 1953 Fishing Contest. Adams caught the lunker in Watts Bar Lake, using a Hadacol fly.**

## Triple Tie Features B Bowling Loop Race

With the race in the final third of the season well underway the B League of plant bowlers has three teams tied for first place with several others in shooting distance of the top if any of the leaders falter. The Wolves caused the triple tie last week as they blanked the Bums while the Wasps were stinging the Bldg. 9211 keglers and the Has Beens were humbling the Rippers, each by three points. The Rebels romped on the Swingsters and the Cubs clawed the Bumpers for three while the All Stars and Tigers broke even in the other league matches.

The Rebels set new high for the round with their 2608 scratch series and 3010 handicap series. The Rippers' 927 scratch game, boosted to 1057 with handicap, also were tops for the session. Fred Kappelman had a 229 scratch game, N. H. Moon and Nelson Tibbatts tied with a 254 handicap game, J. Brown, Rebels, posted a 583 scratch series and George Riddle, Rebels, had a 658 handicap series, all best of the night.

League standing follows:

Team	W	L
Wasps	11	5
Has Beens	11	5
Wolves	11	5
Rebels	10	6
All Stars	9	7
Tigers	8	8
Cubs	8	8
Rippers	7	9
Bumpers	7	9
Bums	6	10
Bldg. 9211	5	11
Swingsters	3	13

## Cardinal, Robin Softballers Drill At Midtown On April 6

**Plant Varsity Squads Prepare To Defend Ridge Titles; Women Candidates Are Needed**

It won't be long now—just about 10 days more—until the varsity softballers of Y-12 will be officially meeting and oiling up their arms and legs for the 1953 season. S-Hour (for softball) will be observed for both the men's and women's squads at 6 o'clock Monday afternoon, April 6, weather permitting, with the masculine candidates reporting at Midtown No. 1 field and the feminine contingent at the Midtown No. 2 diamond.

Both Y-12 contingents are Oak Ridge Tournament Champions of 1952 and established good records in the Knox-Ridge Leagues for men and women last season.

Manager Frank Darby is expected to have a lot of fine talent for his Cardinal team this season when the first session is held April 6. A number of capable veterans from the 1952 squad will be on hand and several "rookies" are expected from the ranks of new employees.

However, a number of women softballers are needed to replace vacancies in the 1952 squad of Robins. Any woman employee in the plant who wants to try out for the 1953 squad is urgently requested to communicate with the Y-12 Recreation Office, North Portal, telephone 7753, as soon as possible.

## Alley Cats Retain W League Lead

The Alley Cats retained their spot of prominence at the top of the W League standings last week by whitewashing the Mix Ups for three games and boosted their lead a bit as the Kemps could only take a pair from the Cracker Jax. The Controllers climbed into a tie for second with the Kemps by curbing the Strikettes and the Curvettes wound out the night by taking the Gutter Cats for two.

Oradean Uffleman, of the Alley Cats, posted a 451 scratch series, boosted to 595 with handicap, for tops of the night. Mavis Koons, Kemps, had a 166 scratch game for best of the session as was the 224 handicap game of Pamela Starnes, Alley Cats. The Kemps took most of the team scoring leads with a 689 scratch game, 959 handicap game and 1954 scratch series. The 2791 handicap series of the Alley Cats was tops.

League standing follows:

Team	W	L
Alley Cats	24	12
Kemps	22	14
Controllers	22	14
Cracker Jax	19	17
Curvettes	16 1/2	19 1/2
Mix Ups	15 1/2	20 1/2
Gutter Cats	14	22
Strikettes	11	25

## Paducah Stubbies Beat Y-12 Grocers In Close One, 46-37

The Paducah Carbide Plant League champions, the Stubbies, opened their invasion of Oak Ridge in sharp style last Friday night by nosing out the Grocers, Y-12 Plant League titlists, by 46 to 37 in a nip and tuck basketball battle.

The Kentuckians and the Grocers were tied at half time 23-23 and again at the three-quarter pole 32-32. Leading by three points with only two minutes to go in the final period, the Stubbies went into a freeze and fouls by Y-12ers attempting to grab the ball resulted in the visitors increasing their margin.

The Stubbies made it two straight by beating the K-25 C Shift, plant champions, by 62 to 38 Saturday night.

Despite the loss Clyde "Lefty" Carter, of the Y-12 quint, was top scorer with 17 tallies to his credit. Huntley got six and Kennedy five for the Grocers. The Paducah scoring was well distributed with Hewitt getting 13, Burris 11 and Thurmond 10.

The game was the first between Y-12 and Paducah teams and was exceptionally clean throughout, creating a lot of good will and feeling of sportsmanship between the employees of the two Carbide plants.

## Peons Pulverize Grocers, Take Lead

In a head-on clash last week the Peons pounced on the Grocers for a whitewash victory to take over first place in the D League by two points. The Old Men and Split Kids also turned in four point wins over the Isotopes and Vectors, respectively, while the Activators and Toppers broke even.

Harold Ratjen, rolling for the Isotopes, took three of the four individual scoring bracket honors for the night with a 212 scratch game, 244 handicap game and 557

## Practice Sessions To Start April 6; Season Opens May 4

**Another Meeting Set For April 17; Speedy Competition Predicted**

Prospects are bright for a speedy 10-team Y-12 Plant Softball League following an organizational meeting last Friday in which eight teams were represented and two more groups sent word that they would enter the circuit.

### Month of Practice Given

Practice sessions will start on Monday, April 6, and team managers may obtain field reservations from the Recreation Office, North Portal, telephone 7753. The league season will begin Monday, May 4, giving the teams a full month to round into playing form.

Attending the meeting last Friday were Ralph Ford, of the 1952 championship 49ers; Fred Uffleman, Uranium Control Junior Varsity; Hobey Thomas, Engineers; R. L. Jefferies, ADPs; Harley Law, team unnamed; J. D. Hall, team unnamed; R. C. Whitehead and B. B. Coulter, team unnamed; and Morris Bailis and Frank Favetella, team unnamed.

The other two prospective franchises are expected to be taken by the Guards under direction of Capt. M. L. Woodard and a so-far unnamed team lead by J. L. Haman.

More definite plans for league operation will be discussed at another meeting to be held at 2 o'clock Monday, afternoon, April 27, at the Recreation Office.

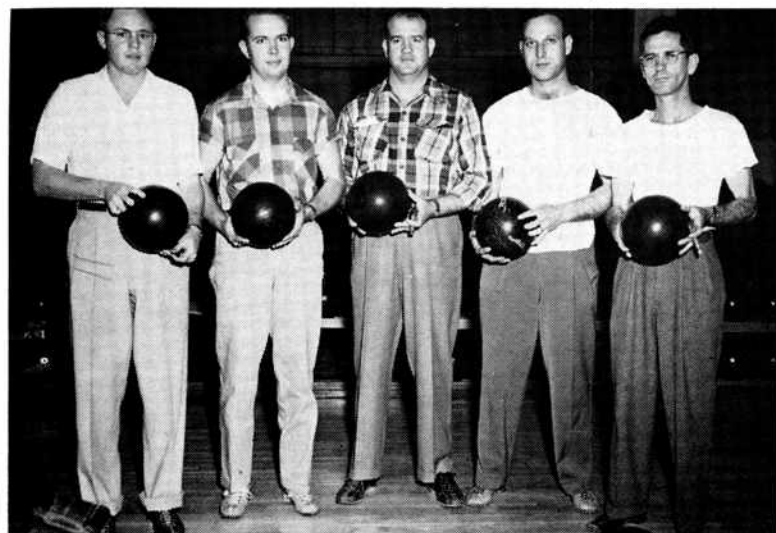
## Coon Hunters Elect Y-12 Man President

R. E. Pope, of the Y-12 Uranium Processing Department, was elected president of the Oak Ridge Coon Hunters Association last week at a meeting of the group. The association has about 70 members, many of them Y-12ers.

scratch series. S. Brown, Peons, bagged a 659 handicap series. The Split Kids had the best team handicap scores with a 1053 game and 2982 series. The Peons' 828 scratch game and the Activators' 2297 scratch series were tops of the night.

League standing follows:

Team	W	L
Peons	32	12
Grocers	30	14
Activators	25	19
Old Men	21	23
Split Kids	20	24
Toppers	18	26
Vectors	17	27
Isotopes	13	31



**THE TWO TOP TEAMS IN THE D LEAGUE OF Y-12 PLANT bowlers are shown above. At left are the Peons, who took over the top spot last week by whitewashing the Grocers. The Peons are, from left, G. B. Anderson, J. L. Brown, Ray Whitehorn,**



**Arthur Stewart and Rudy Pletz. The Grocer bowlers are Don Ward, Grady Whitman, Ray Duckworth, Fred Schafer and Brice Kinyon.**



## CARBIDE AND CARBON CHEMICALS COMPANY

A Division Of

Union Carbide And Carbon Corporation

P. O. Box P.  
Oak Ridge, Tenn.

(RETURN POSTAGE GUARANTEED)

Sec. 34.66 P.L.&R.  
U. S. Postage  
**PAID**  
Oak Ridge, Tenn.  
Permit No. 3

## Water Safety Urged Of Y-12 Employees

Continued from Page 1

tion of wearing life preservers would have prevented most of the drownings in boating accidents. Learning to swim before venturing into the water and wading only where bottom conditions are known also would have resulted in lives being saved. Leaving lakes in case of wind or storm also is advisable to prevent the capsizing of small boats.

### 14 Die In Nearby Lakes

Of the East Tennessee lakes mostly frequented by Y-12ers the 1952 TVA statistics show that Watts Bar Lake had five drownings, Fort Loudoun three, Norris one, Cherokee two and Douglas three.

Y-12 safety authorities join with those of TVA and other agencies in sincerely urging every Y-12 employee engaging in any water activity this summer to take all the ordinary precautions before venturing onto or into lakes—and then make a survey to see that all possible steps have been taken to avoid water accidents.

## Students Of Y-12 Parents Seen In Fair

Continued from Page 1

hope that they will be finally selected for showing in the National Science Fair. The local and regional fairs will be held throughout the country in late March and April. The best exhibits are sent to the national competition with the students who made them.

The National Science Fair is in its fourth year. Originated by the Science Clubs of America and administered by Science Service, the National Science Fair has from the start had the support of the newspapers of the country. To date 27 local and regional fairs have been organized.

### Carbide and ORINS Are Hosts

Finalists in the National Science Fair in Oak Ridge are to be the guests of Union Carbide and Carbon Corporation, of which Carbide and Carbon Chemicals Company is a Division, and the Oak Ridge Institute of Nuclear Studies. The exhibits will be set up in the American Museum of Atomic Energy here and will be judged by some of the nation's top scientists.

## Attendance Record

Dept.	MAJOR LEAGUE More Than 50 Employees Scheduled		Standing	
	Percentage Absent	3-15-53	3-8-53	
2008	0.4	1	5	
2690	0.9	2	2	
2018	1.3	3	8	
2002	1.4	4	15	
2618	1.70	5	1	
2739	1.73	6	14	
2077	1.9	7	4	
2773	2.1	8	11	
2001	2.2	9	9	
2014	2.39	10	10	
2142	2.40	11	6	
2617	2.8	12	13	
2790	3.3	13	12	
2108	3.52	14	16	
2619	3.54	15	3	
2060	3.8	16	7	
2091	4.77	17	17	
2015	4.82	18	19	
2003	5.0	19	18	

Group absentee percentage was three per cent, .3 per cent lower than the preceding week.

Dept.	MINOR LEAGUE 15-49 Employees Scheduled		Standing	
	Percentage Absent	3-15-53	3-8-53	
2743	0.0	1	5	
2093	0.8	2	1	
2090	2.2	3	10	
2005	2.38	4	4	
2133	2.38	4	13	
2200	2.5	6	6	
2301	2.6	7	8	
2107	2.8	8	7	
2140	3.3	9	11	
2144	3.5	10	1	
2145	3.8	11	9	
2046	4.3	12	14	
2143	5.3	13	1	
2096	7.4	14	12	

Group absentee percentage was 3.3 per cent, .2 per cent higher than the preceding week.

The plant average for the week ending March 15 was 3.2 per cent, .1 per cent lower than the preceding week.

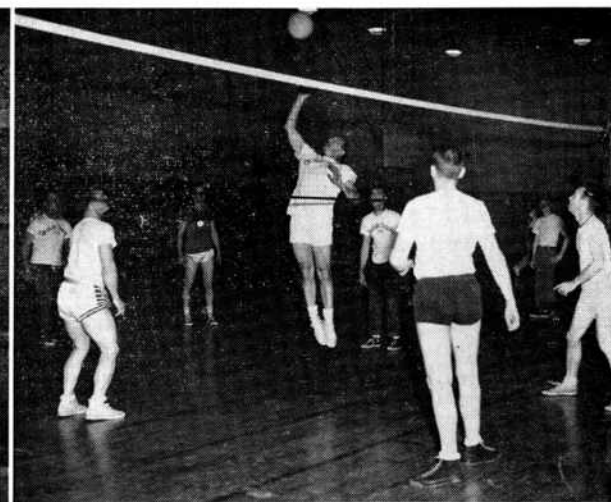
## Three Y-12ers Will Appear In Playhouse Productions

The fourth production of the current season of Oak Ridge Community Playhouse has been playfully dubbed "Four Bits" by cast and crew. The program, which appears at Jefferson Junior High School April 9, 10 and 11, will consist of four one-act plays woven into a pattern by Director Paul Ebert.

The show opens with Thornton Wilder's "The Happy Journey," played without scenery. Next will be "Box and Cox," by John Morton, with a suggestion of scenery



THE CARBIDE HAWKS OF Y-12, THE PLANT VOLLEYBALL TEAM, FINISHED THIRD IN the recent city tournament. At left is the squad, from left, Jim Barker, Bill Hamil, Bill Moles and Everett Gentry. In rear are Howard Horne, H. Argo, Bill Stanton and Jay Ledgerwood. At right is an action shot with Stanton slamming the ball across the net. Other Hawks from left are Gentry, Barker, Hamil, Argo and Moles on the left side of the court.



## Squadron Planning For Spring Business Meeting Of District

The numerous Y-12 members of the Oak Ridge Power Squadron will be active in arranging details for the annual spring business meeting of District No. 15, United States Power Squadrons, to be held in Oak Ridge Saturday night, April 11. G. J. Angele, of the Y-12 Engineering Department, is commander of the local squadron which will be host to the district meeting for the first time.

National officers of the USPS will attend the meeting here, including Herbert R. Pryor, Glen Rock, N. J., Chief Commander; Fred Franklin, former Oak Ridger and now of Morristown, N. J., editor of the USPS publication, The Ensign, and District Commander Ben Calhoun, of Houston, Tex.

The district is composed of squadrons at Oak Ridge, Houston, New Orleans, La., Lake Charles, La., and Mobile, Ala. At its meeting here officers will be elected, appointments made and other business transacted.

and props. After that will come Eugene O'Neill's "Before Breakfast," with more scenery, and finally, Noel Coward's "Still Life," from the "Tonight At 8:30" series, with full scenery and props.

Three Y-12 people appear in "Still Life." Virginia Means, of Health Physics, plays Myrtle Baggett, manager of a refreshment stand in a railway station. Ross Eichorn, of Property Sales, plays the station master, Albert Godby, and Bob McWhorter, of Planning and Estimating, plays Stanley, the candy butcher.

Charley Blake another Y-12er is again technical director and stage manager.

## Cut Ups And 66s Tie For E Loop Top

The Cut Ups and the 66s each blanked their foes in the E League last week to advance the victors to a tie for first place. The 66s took the Ezy Aces to the cleaners, tumbling the losers from first place while the Stinkers were the victims of the Cut Ups. The Peglers whitewashed the Pin Wobblers and the Hobslurps got a four point win with a forfeit over the No Pins which failed to produce a quorum for the match.

George Riddle, Peglers, had the best handicap scores of the session with a 263 game and 741 series, the latter being high for the second half of the season. Nelson Tibbatts had a 638 scratch series, high for the half, and Paddy Peckman's 235 scratch game was best of the session. The 66s and Peglers divided team scoring honors, the 66s scratch game of 941 and series of 2694 leading the bunch, while the Peglers had the high handicap scores of the half with a 1088 game and 3124 series.

Team	W	L
Cut Ups	30	14
66s	30	14
Ezy Aces	27	17
Peglers	26	18
Stinkers	20	24
Pin Wobblers	17	27
Hobslurps	15	27
No Pins	11	33

## Engineers Ousted In Knox Tourney

After winning a pair of games in the Southern Appalachian basketball tournament in Knoxville the Y-12 Engineers ran into a bunch of hot rod basketweavers from the B-T Service Station, Jefferson City, and bowed out last Saturday night by 37-21. The victors had a lineup bolstered by several Carson-Newman College players.

## Y-12 Men Bowlers Win, Women Lose In City Leagues

The Y-12 men's varsity bowling team took four points from their alley opponents on Monday night, March 16, to soar 15 points ahead of their nearest foes in the Oak Ridge City League but the keglerettes of the plant dropped the same number of counters last Thursday to fall into a tie for first place in the women's division of the loop. The men whitewashed the Bacon Ice Cream Co. while the Y-12 lassies were licked by the Ricker Heating Co.

Joe Pryson put together a string of 202, 201, 186—589 to lead the Y-12ers in their triumph but was closely followed by Jack Spears with 146, 234, 200—580. Then came Roy Roberts 169, 169, 205—543; Frank Gragg 167, 185, 180—532; and Ray Galford 176, 149, 159—484. Team scores were 850, 948, 930—2728 for Y-12 and 776, 803, 889—2568 for the ice creamers.

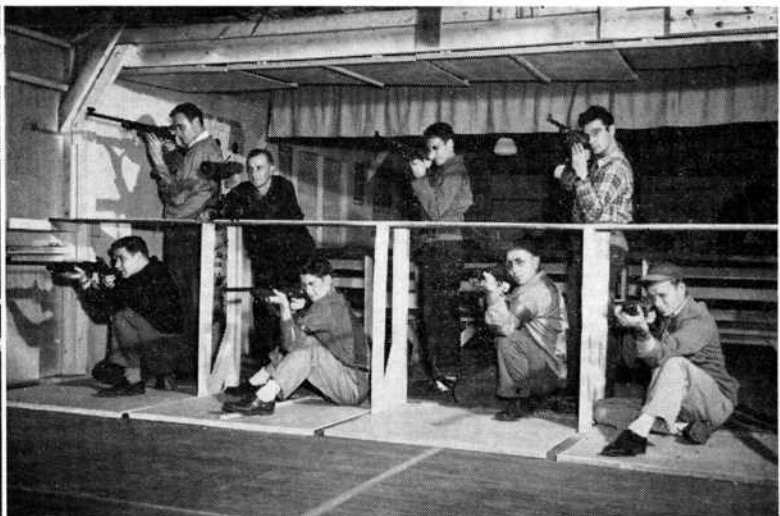
The Y-12 women bowlers were handicapped by the absence of two of their mainstays, Juanita Reed and Mary Ballard, Ruby O'Kain led the team with 161, 166, 138—465; then came Betty Whitehorn 134, 153, 162—449; Mavis Koons 142, 156, 116—414; Dot Park 168, 101, 126—395; and Verna Peckman 144, 119, 111—373. Team tallies were 749, 694, 653—2096 for Y-12 and 782, 740, 695—2217 for Rickers.

Cook and Lovell were high scorers for Y-12 with five points each.

Earlier last week the Engineers had licked the St. George Church team of Knoxville by 44-40. Cook led this victory for the Y-12 team with 17 tallies, Carden got eight, Phillips seven and Lovell six.



SHARP-EYED AND DEAD-SHOOTING Y-12ERS ON THE plant pistol and rifle teams, above, made excellent records in the Oak Ridge City Leagues during the past season. The pistol group, left, won top honors in scratch firing and tied for second place with AEC in handicap scoring. Front row, from left, Carl Brewster, H. C. Hoy, Ann LaVerne, Mel LaVerne and P. A. Williams. In rear are H. C. McCurdy, Jim Rose, John Gallimore, J. K. Bair



and J. C. Ezell. The rifle team, right, was first in handicap firing and second to K-25 in scratch tallies. Some of the rifle team members also fired on the pistol team. In front are Carl Brewster, Ross Goosie, H. C. Hoy and Ray Wells. In rear are Bill Rathkamp, C. L. Hill, Nick Tronolone and Jim Rose. Absent when picture was made were John Gallimore, Ralph Wollan, Bill Rice, W. D. Cunningham and John Smith.

**SECRETS**  
HAVE BEEN LOST OVER



KEEP CLASSIFIED INFORMATION  
INSIDE THE PLANT  
Y-12 SECURITY DIV.